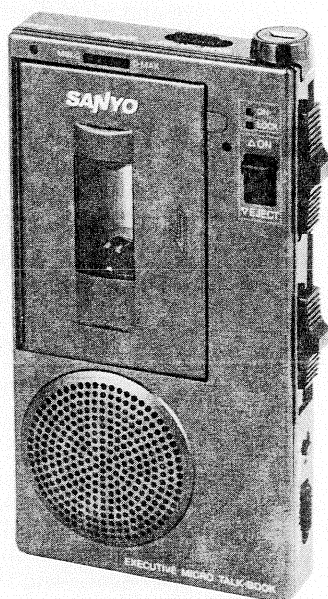




Service Manual

Microcassette Recorder

TRC6100 (WEST GERMANY)



PRODUCT CODE No.
142 492 06

SPECIFICATIONS

Power Source	
DC	1.5V
(UM-4, AAA Cell, Microzelle) x 1	
Output Power	90mW (Max.)
Current Consumption (at Vol. Min.)	
Record mode	120mA
Playback mode	105mA
Fast Forward mode	150mA
Rewind mode	150mA
Recording System	DC Bias
Erasing System	DC Erasing
Tape Speed	
1.2cm	15/32ips. $\pm 10\%$
2.4cm	15/16ips. $\pm 4\%$
Fast Forward Time	180sec. (with MC-60)
Rewind Time	180sec. (with MC-60)
Wow & Flutter (at 2.4cm/sec)	0.6%, WRMS

Torque	
Playback mode	4.5 ~ 8.5g-cm
Fast Forward mode	4.5 ~ 8.5g-cm
Rewind mode	20 ~ 40g-cm
Frequency Response (Overall)	300Hz ~ 4,000Hz
Erase Ratio (Overall)	50dB
Signal to Noise Ratio	38dB
Crosstalk	
Track to Track	55dB
Harmonic Distortion (K3)	10%
Hum & Noise (at Vol. Min.)	-68dBs
Terminal Impedance	
Microphone	0.3mV/600 Ω
Earphone	32 Ω
Dimensions (Max.)	
56(W) x 102(H) x 15.5(D)mm	
Weight (w/o battery)	100g

Specifications subject to change without notice.

REFERENCE No. WM-2261 1

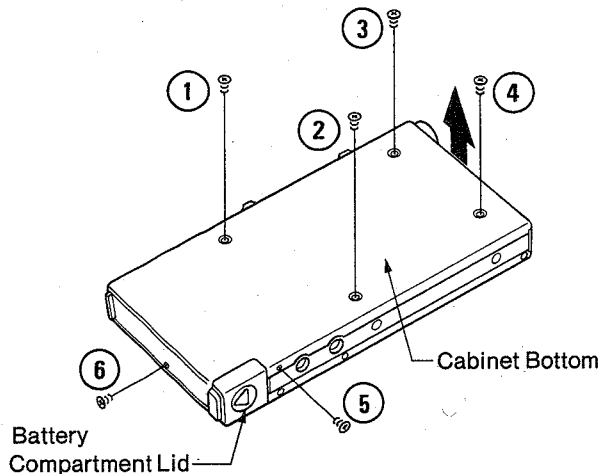
DISASSEMBLY INSTRUCTIONS

GENERAL REMARKS

- Before disassembling the unit, spread a soft rubber mat or a cloth on the workbench to avoid scratches and grease stains.
- Do not use a material which is likely to cause static electricity because the transistors and ICs may be easily damaged by it.
- When mounting the P.C.Board, confirm that the leads, resistors, capacitors, etc., do not contact the function mechanism such as gear or belt. Also refer to the Exploded Views.
- Reassemble the unit, noting the kinds of screws, the soldering and arrangement of the leads. Refer to "Circuit Diagram and Exploded Views" for correct assembly.
- Before disassembling the unit, take out the cassette tape and the batteries.
- Reassemble in reverse order.

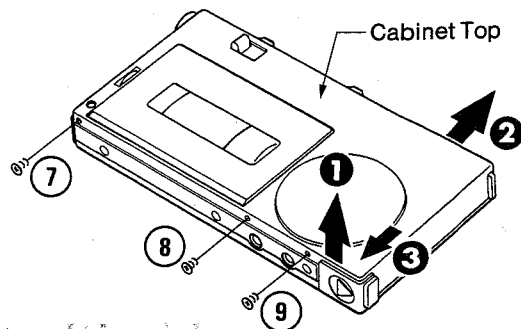
CABINET BOTTOM REMOVAL

1. Remove the six screws (1 ~ 6) fastening the Cabinet Bottom and open the Battery Compartment Lid.
2. Carefully detach the Cabinet Bottom by lifting it in the direction of the arrow.



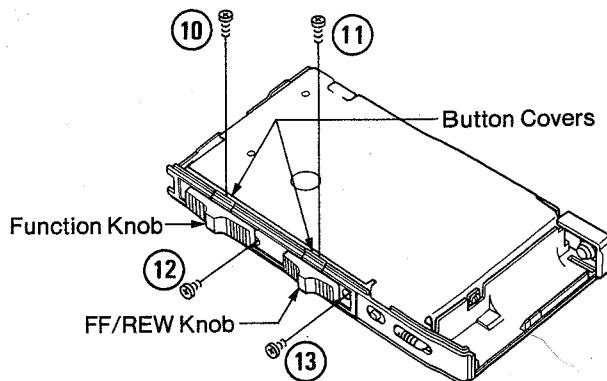
CABINET TOP REMOVAL

1. Remove the three screws (7 ~ 9). After lifting up the cabinet Top lightly in the direction of the arrow (1), slide it in the direction of the arrow (2).
2. Once again, slide the Cabinet Top in the direction of the arrow (3) while lifting it. When the Cabinet Bottom and Cabinet Top is removed, the Cabinet Mic. and Mic. Sensitivity Knob can be detached from the unit.

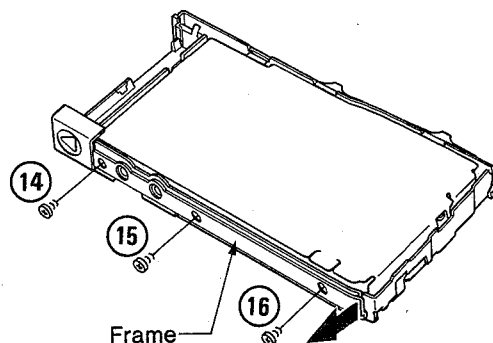


FRAME REMOVAL

1. Remove the Cabinet Top and Bottom and unsolder the two speaker leads (brown and white) from the speaker terminals.
2. Take out the two Bottom Covers and remove the two screws (10 and 11) to detach the Function and FF/REW Knobs.



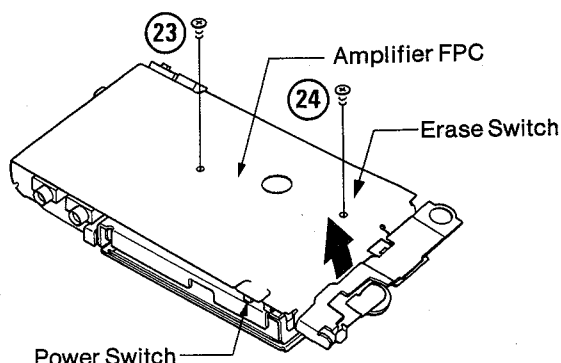
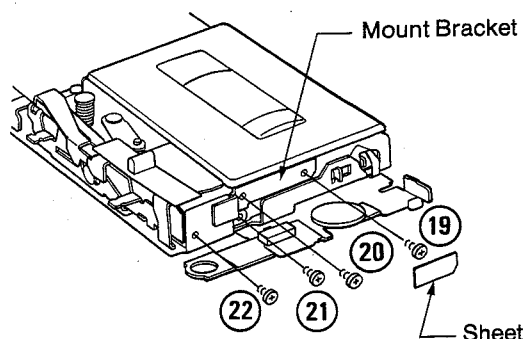
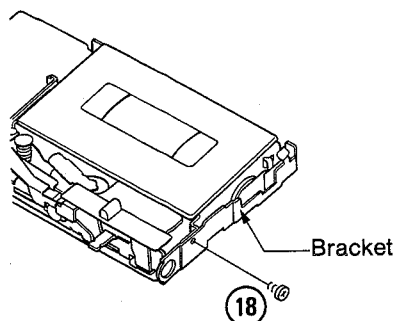
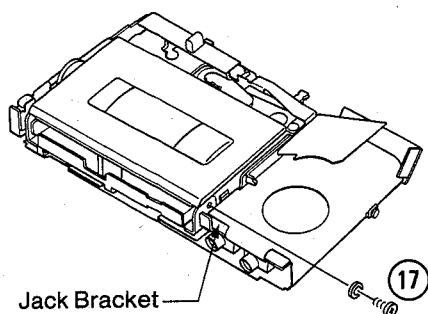
3. Remove the five screws (12 ~ 16) and detach the Frame in the direction of the arrow. By removing the Frame, the Cue Index Button and Tape Speed Knob can be detached.



AMPLIFIER FPC REMOVAL

1. Remove the Cabinet Bottom, Cabinet Top and Frame, and remove the two screws (17 and 18) fastening the Jack Bracket and Bracket.

DISASSEMBLY INSTRUCTIONS (Continued)



2. Peel the sheet off the Mount Bracket and remove the two screws (19 and 20) fastening the Mount Bracket and the two screws (21 and 22) fastening the REC/PLAY switch.

3. Unsolder the Power and Erase switches from the Amplifier FPC and remove the two screws (23 and 24). Detach the FPC in the direction of the arrow and unsolder the four motor leads (red, green, black, yellow) from the motor and the four head leads (red, green, black, blue).

NOTE:

The **ERASE switch** is not included in the unchanged unit. Check the serial number in advance.

ADJUSTMENTS PROCEDURES

GENERAL REMARKS

- Before attempting to adjust the mechanism of this unit, wipe the tape contacting surfaces (of the pinch roller, Record/Playback head and capstan) clean as well as the contact surfaces of the driving parts (motor pulley, flywheel, belts) with a piece of soft cloth soaked in alcohol. Oil and grease stains may cause trouble.

- Handle the belt carefully because grease easily attaches to it. Then check the used rubber parts. If the rubber has deteriorated or is scratched, replace the parts with new one, also confirm that the contacts of the leaf switch is not deformed.

EQUIPMENT NEEDED

- VTVM
- Frequency counter
- DC Constant-voltage Regulator
- Ammeter
- Dummy load (8Ω)
- Test tapes
 - 3kHz test tape (Example: Olympus OA-W411) for Tape Speed Adjustment
 - 3kHz test tape (Example: Olympus OA-A411) for Head Azimuth Adjustment

- Alignment Tool

Before the electrical adjustments, set the switches and control as follows:

- Speed switch 2.4cm
- Volume control Arbitrary

NOTE:

Supply 1.5V DC to the Battery Terminals from the constant-voltage regulator at the adjustment.

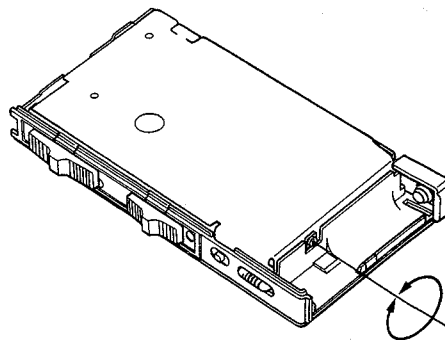
ADJUSTMENT PROCEDURES (Continued)

■ ADJUSTMENT PROCEDURE

Adjustment Item		Connection	Dummy Load	Measuring Instrument	Test Tape	Adjustment	Measuring Value
Tape Speed	2.4cm	Earphone Jack	8Ω	Frequency Counter	OLYMPUS OA-W411	P502	3,000Hz ±3%
				VTVM	OLYMPUS OA-A411	Azimuth Screw	Maximum

TAPE SPEED ADJUSTMENT

- Remove the Cabinet Bottom and set the Tape Speed Switch to 2.4cm. While playing back the test tape adjust the tape speed by turning the potentiometer (P501) on the P.C.Board with an alignment tool.



Potentiometer for Tape Speed Adjustment

PARTS LIST

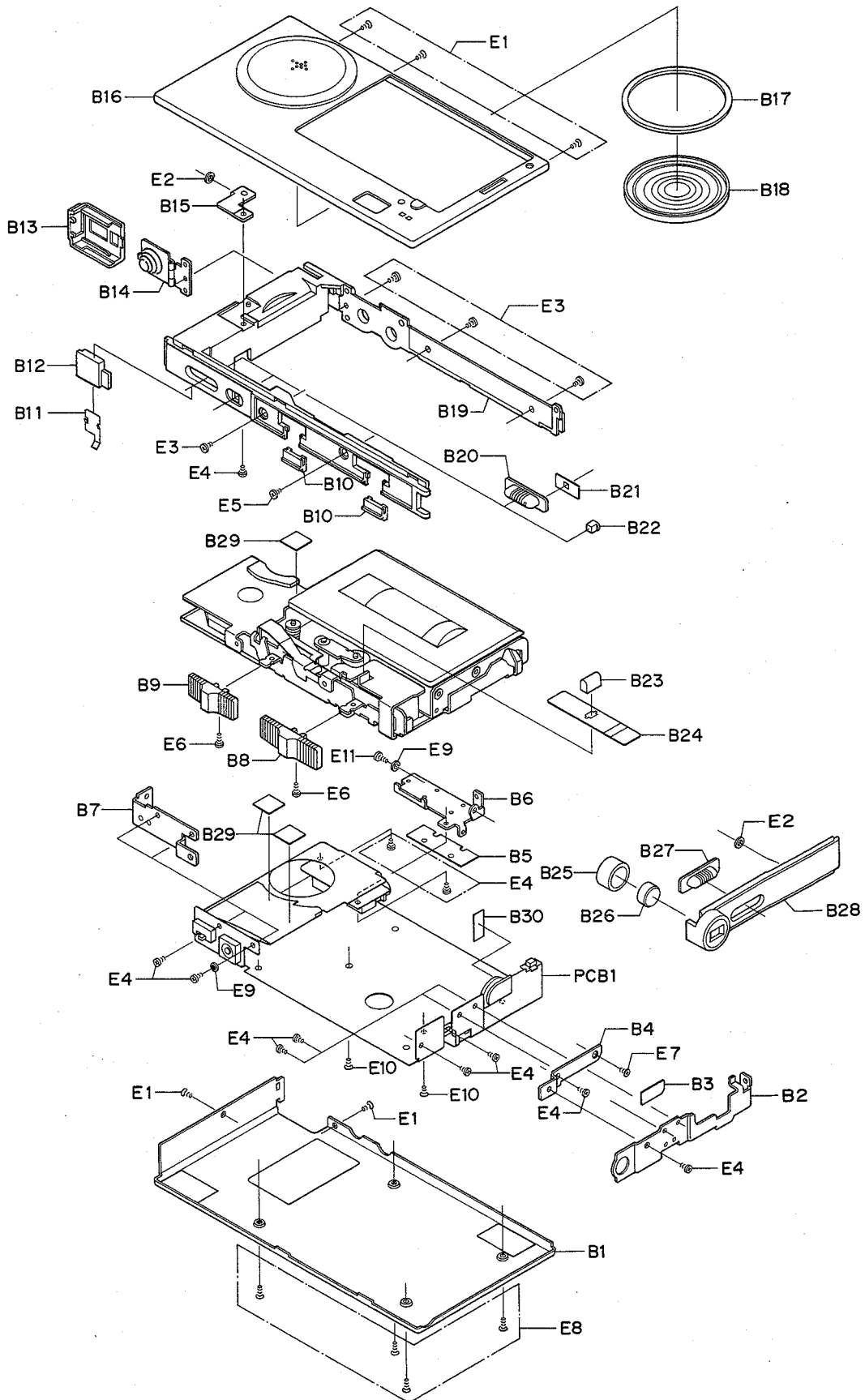
Ref. No.	Part No.	Description	Q'ty
PACKAGE			
	620 184 4580	Inner Case Top	1
	620 184 4597	Inner Case Bottom	1
	620 188 3671	Case Top	1
	620 188 3688	Case Bottom	1
	620 148 4984	Poly Cover 70 x 150 (Unit)	1
	620 148 7619	Poly Cover (C-Case)	1
	620 152 8329	Serial No. Sheet	1
	620 152 7506	Serial No. Sheet	2
ACCESSORIES			
	620 023 0353	Cassette	1
	620 030 8595	Alkaline Batt LR03	1
	620 188 3541	Case Carrying	1
	620 189 5483	Label POP	1
	620 116 1632	Adhesive Sheet	1
	620 188 3787	Instruction Book	1
CABINET			
B1	620 183 2532	Cabinet Bottom Assy	1
B2	620 117 6834	Bracket	1
B3	620 184 1107	Sheet	1
B4	620 117 6858	Bracket Mount	1
B5	620 184 0216	Adhesive Sheet	1
B6	620 117 6865	Bracket Jack	1
B7	620 117 6872	Bracket FPC	1
B8	620 109 6361	Knob Main	1
B9	620 109 6385	Knob FF REW	1
B10	620 091 8763	Cover Button	2
B11	620 122 1671	Terminal Battery	1
B12	620 113 8665	Holder Terminal	1
B13	620 183 7513	Lid Battery	1
B14	620 183 4789	Hinge Assy	1
B15	620 117 6841	Bracket Cabinet	1

Ref. No.	Part No.	Description	Q'ty
B16	620 185 4602	Cabinet Top	1
B17	620 120 8207	Cushion Speaker	1
B18	620 002 9803	Speaker (SP1)	1
B19	620 183 5700	Frame	1
B20	620 109 6422	Knob Speed	1
B21	620 184 1152	Sheet	1
B22	620 112 1599	Button Index	1
B23	620 109 6446	Knob Eject	1
B24	620 114 3461	Sheet Indicator	1
B25	620 122 4740	Holder Microphone	1
B26	620 003 3589	Microphone (BM1)	1
B27	620 109 6408	Knob Mike	1
B28	620 183 5717	Cabinet Mike	1
B29	620 123 5746	Sheet	3
B30	620 184 1077	Sheet	1
PCB1	620 187 7939	Amplifier P.C.B. Assy	1
E1	411 017 1001	SCR FLT PCS 1.4X2	5
E2	412 027 4006	SPECIAL WASHER	2
E3	620 122 8915	Screw + PMS M1.4X2	4
E4	411 017 6303	SCR PAN PCS 1.4X1.4	12
E5	620 122 8533	Screw M1.4X1.4	1
E6	620 122 8939	Screw + PMS M1.4X2	2
E7	411 016 9206	SCR FLT PCS 1.4X1.4	1
E8	411 099 7502	SCR FLT PCS 1.4X2.5	4
E9	411 086 1209	WASHER SPR 1.4	2
E10	411 017 0707	SCR FLT PCS 1.4X2	2
E11	411 017 6709	SCR PAN PCS 1.4X1.6	1

NOTES:

- Parts order must contain Model Number, Part Number and Description.
- Ordering quantity of screws and resistors must be multiple of 10 pcs.

CABINET PARTS LIST

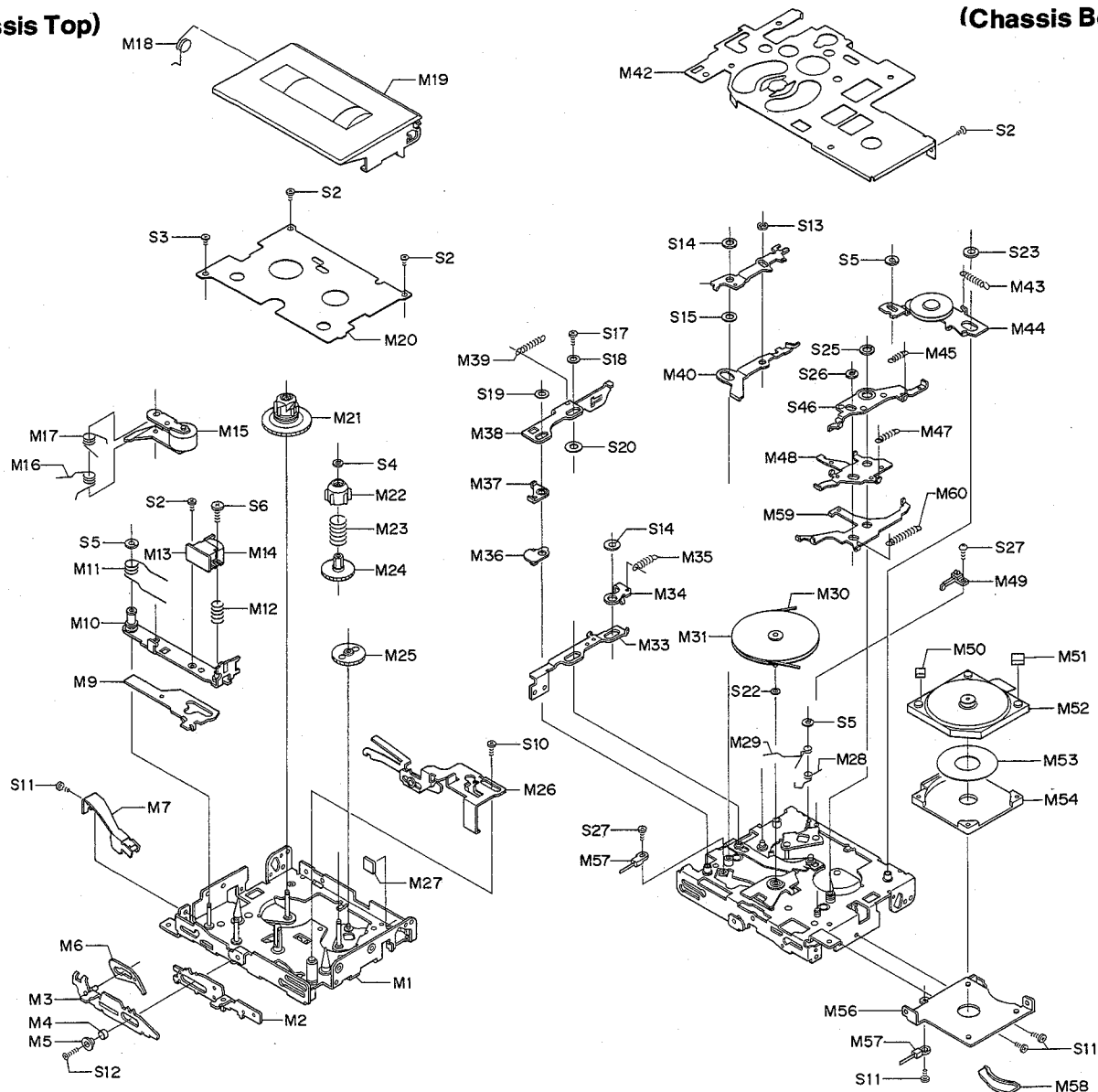


MECHANISM EXPLODED VIEW

Version 1

(Chassis Top)

(Chassis Bottom)



MECHANISM PARTS LIST

Ref. No.	Part No.	Description	Q'ty
MECHANISM			
	620 182 9730	Wire Parallel (Head)	1
M1	620 187 7342	Chassis Assy	1
M2	620 187 7366	Plate Main Assy	1
M3	620 187 7373	Plate FF/REW Assy	1
M4	620 136 2749	Roller Plate Button	1
M5	620 136 1223	Spacer Plate Button	1
M6	620 131 9729	Lever Non Rewind	1
M7	620 085 6454	Spring Lock Assy	1
M9	620 084 2709	Plate Control Assy	1
M10	620 085 3491	Arm Head Assy	1
M11	620 137 9938	Spring Arm Head	1
M12	620 139 4610	Spring Azimuth	1
M13	620 012 2719	PCB Head	1
M14	620 023 6751	RPE Head (3-1 Head/HD1)	1
M15	620 187 7359	Arm Pinchroller Assy	1
M16	620 137 9921	Spring Review	1
M17	620 137 9914	Spring Arm Pinch	1
M18	620 137 9952	Spring Holder Cassette	1
M19	620 183 3287	Lid Cassette Assy	1

Ref. No.	Part No.	Description	Q'ty
M20	620 187 7410	Panel Chassis	1
M21	620 082 8796	Reel Take-up Assy	1
M22	620 185 1526	Cap Reel	1
M23	620 185 1601	Spring Reel	1
M24	620 126 6412	Gear Reel Supply	1
M25	620 127 9382	Gear Rewind	1
M26	620 084 2976	Plate Button Eject Comple	1
M27	620 184 1350	Cushion	1
M28	620 185 4749	Spring Play Switch	1
M29	620 137 9945	Spring Brake	1
M30	620 128 6717	Belt Drive	1
M31	620 082 7300	Flywheel Assy	1
M32	620 185 3360	Plate Cancel Brake	1
M33	620 084 2990	Plate Record Assy	1
M34	620 131 9651	Lever Interlock	1
M35	620 139 1886	Spring Interlock	1
M36	620 131 9620	Lever Record	1
M37	620 131 9637	Lever Eject	1
M38	620 130 7733	Plate Eject	1
M39	620 138 9180	Spring Lever Stop	1

MECHANISM PARTS LIST (Continued)

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
M40	620 132 5836	Arm Play Switch	1	S4P	620 125 1807	Washer, M1.25X3.0X0.25	1
M41	620 129 7751	Brake	1	S5P	620 125 3382	Washer, M1.25X4.0X0.25	3
M42	620 119 2049	Support Flywheel	1	S6P	412 027 3801	SPECIAL SCREW	1
M43	620 139 2173	Spring Plate Drive	1	S10	620 122 8939	Screw + PMS M1.4X2	1
M44	620 084 2730	Plate Gear Drive Assy	1	S11	411 119 8601	SCR PAN PCS 1.4X1.4	3
M45	620 139 2180	Spring Lever REW	1	S12	411 099 7601	SCR FLT PCS 1.4X5	1
M46	620 187 3719	Lever Rewind	1	S13	411 015 7401	RING E 1.2	1
M47	620 139 2005	Spring Lever FF	1	S14	620 125 3351	Washer, M2.1X4.5X0.3	2
M48	620 187 3733	Lever FF	1	S15	620 125 2545	Washer, M2.6X4.7X0.2	1
M49	620 015 3652	Leaf Switch (Power/S1)	1	S17	412 025 8402	SCR FLT PCS 1.4X2	1
M50	620 184 1343	Cushion	1	S18	620 125 6529	Washer, M1.5X3.6X0.2	1
M51	620 124 3352	Cushion	1	S19	620 125 1982	Washer, M2.1X4.0X0.25	1
M52	620 030 4375	Motor Assy (M1)	1	S20	620 125 2163	Washer, M2.1X5.0X0.13	1
M53	620 185 9959	Adhesive Sheet	1	S22	620 125 2668	Washer, M1.2X2.3X0.2	1
M54	620 124 3338	Cushion Motor	1	S23	620 125 1647	Washer, M2.1X4.5X0.4	1
M56	620 187 7427	Bracket Motor	1	S25	620 125 4242	Washer, M2.6X4.7X0.4	1
M57	620 016 4917	Leaf Fast Wind Switch (S2, FF/REW)	1	S26	620 125 3108	Washer, M1.6X3.2X0.25	1
M57	620 016 4917	Leaf Fast Wind Switch (S3, Erase)	1	S27	620 122 9677	Screw PMS M1.4X1.4	2
M58	620 120 8191	Holder Speaker	1				
M59	620 187 3726	Lever Take-up	1				
M60	620 187 7465	Spring Lever Take-up	1				
S2P	411 016 9206	SCR FLT PCS 1.4X1.4	4				
S3P	411 017 6303	SCR PAN PCS 1.4X1.4	1				

NOTES:

- Parts order must contain Model Number, Part Number and Description.
- Ordering quantity of screws and resistors must be multiple of 10 pcs.

P.C.BOARD PARTS LIST

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
AMPLIFIER P.C.B.ASSY				C101	403 067 9304	CERAMIC 0.01U K 25V	1
PCB1	620 187 7939	Amplifier P.C.B. Assy	1	C102	404 037 0901	TA-SOLID 22U M 4V	1
	620 187 7700	FPC Amplifier	1	C103	403 068 5107	CERAMIC 0.047U Z 25V	1
	620 116 2271	Adhesive Sheet	1	C104	403 068 6203	CERAMIC 0.068U Z 25V	1
	620 116 4817	Adhesive Sheet	1	C105	403 067 9304	CERAMIC 0.01U K 25V	1
	620 123 5746	Sheet	1	C106	403 067 9304	CERAMIC 0.01U K 25V	1
S101	620 015 3560	Slide Switch (Record/Play)	1	C107	403 068 5107	CERAMIC 0.047U Z 25V	1
S102	620 015 3850	Slide Switch (Mic. Sens.)	1	C108	404 037 6606	ELECT 330U M 2V	1
S103	620 015 3867	Slide Switch (Tape Speed)	1	C109	403 147 8203	TA-SOLID 4.7U M 4V	1
S104	620 015 3874	Tact Switch (Cue Index)	1	C110	403 144 7100	TA-SOLID 2.2U M 6.3V	1
J1	620 018 0870	Jack 3P RE.Flow (Microphone)	1	C111	403 144 7100	TA-SOLID 2.2U M 6.3V	1
J2	620 018 0870	Jack 3P RE.Flow (Earphone)	1	C112	403 073 0005	CERAMIC 3300P K 50V	1
T401	620 028 9382	OSC Trans	1	C113	404 037 5807	TA-SOLID 33U M 4V	1
P501	620 182 6760	Potentiometer (B-3kΩ)	1	C114	403 068 0409	CERAMIC 0.1U Z 25V	1
VR1	620 006 3777	Volume Control (A-20kΩ)	1	C115	403 144 7209	TA-SOLID 1U M 16V	1
HS501	407 104 2600	SENSOR SHS230-50-TL	1	C116	403 068 2007	CERAMIC 0.022U K 25V	1
D301	407 101 6007	DIODE MA718-TW	1	C117	403 075 0706	CERAMIC 6800P K 50V	1
D401	407 089 1605	ZD 02CZ3.3X (TE85R)	1	C118	403 144 7100	TA-SOLID 2.2U M 6.3V	1
D402	407 101 6007	DIODE MA718-TW	1	C119	403 147 8302	TA-SOLID 0.47U M 35V	1
D403	407 102 7300	LED SLM-125VW (OPR/BATT)	1	C120	403 147 8302	TA-SOLID 0.47U M 35V	1
IC101	409 129 2801	IC CXA1010M-T1	1	C121	404 037 0901	TA-SOLID 22U M 4V	1
IC102	409 140 5300	IC NJM2076	1	C122	404 037 6507	ELECT 68U M 2V	1
IC301	409 146 2600	IC TC9305F-038-T1	1	C123	403 144 7100	TA-SOLID 2.2U M 6.3V	1
IC501	409 139 5601	IC LB1672M-TP-T1	1	C124	403 068 3202	CERAMIC 0.033U K 25V	1
Q101	405 079 2809	TR IMX1-T109	1	C125	403 147 8203	TA-SOLID 4.7U M 4V	1
Q102	405 035 0405	TR DTC143-TK	1	C126	403 147 8203	TA-SOLID 4.7U M 4V	1
Q103	405 008 7707	TR 2SB815-B7-TA	1	C201	404 037 0901	TA-SOLID 22U M 4V	1
Q104	405 008 7707	TR 2SB815-B7-TA	1	C202	403 144 7209	TA-SOLID 1U M 16V	1
Q201	405 064 1800	TR FMG5-T99	1	C203	403 147 8302	TA-SOLID 0.47U M 35V	1
Q202	405 015 8704	TR 2SC2812-L6-TA	1	C301	403 068 1000	CERAMIC 0.012U K 25V	1
Q203	405 076 6503	TR IMD2 T109	1	C302	403 068 0409	CERAMIC 0.1U Z 25V	1
Q301	405 035 0405	TR DTC143-TK	1	C303	404 039 3900	TA-SOLID 6.8U M 4V	1
Q302	405 035 0405	TR DTC143-TK	1	C401	403 073 9107	CERAMIC 4700P K 50V	1
Q401	405 077 6403	TR XN4608	1	C402	403 067 9304	CERAMIC 0.01U K 25V	1
Q402	405 008 7707	TR 2SB815-B7-TA	1	C403	404 037 0901	TA-SOLID 22U M 4V	1
Q403	405 021 2406	TR 2SD1048-X7-TA	1	C404	404 037 0901	TA-SOLID 22U M 4V	1
Q404	405 015 8407	TR 2SC2812-L5-TA	1	C501	403 147 8203	TA-SOLID 4.7U M 4V	1
Q405	405 015 8902	TR 2SC2812-L7-TA	1	C502	403 068 0409	CERAMIC 0.1U Z 25V	1
Q406	405 064 1800	TR FMG5-T99	1	C503	403 147 8203	TA-SOLID 4.7U M 4V	1
Q501	405 064 1800	TR FMG5-T99	1	C504	403 068 0409	CERAMIC 0.1U Z 25V	1

P.C.BOARD PARTS LIST (Continued)

Ref. No.	Part No.	Description	Q'ty	Ref. No.	Part No.	Description	Q'ty
C503	403 147 8203	TA-SOLID 4.7U M 4V	1	R303	402 018 6607	MT-GLAZE 56K JA1/10W	1
C504	403 068 0409	CERAMIC 0.1U Z 25V	1	R401	402 018 6003	MT-GLAZE 390 JA1/10W	1
C505	403 147 8203	TA-SOLID 4.7U M 4V	1	R402	402 018 4009	MT-GLAZE 10K JA1/10W	1
C506	403 068 0409	CERAMIC 0.1U Z 25V	1	R403	402 018 5501	MT-GLAZE 330 JA1/10W	1
C507	403 144 7209	TA-SOLID 1U M 16V	1	R404	402 018 4009	MT-GLAZE 10K JA1/10W	1
C508	403 147 8302	TA-SOLID 0.47U M 35V	1	R405	402 037 2604	MT-GLAZE 18 JA1/10W	1
R101	402 038 1200	MT-GLAZE 2.4K JA1/10W	1	R406	402 024 1900	MT-GLAZE 680 JA1/10W	1
R102	402 036 9703	MT-GLAZE 820 JA1/10W	1	R407	402 022 5603	MT-GLAZE 470K JA1/10W	1
R103	402 018 6102	MT-GLAZE 3.9K JA1/10W	1	R408	402 018 3705	MT-GLAZE 10 JA1/10W	1
R104	402 039 4309	MT-GLAZE 2K JA1/10W	1	R409	402 018 3804	MT-GLAZE 100 JA1/10W	1
R105	402 018 6706	MT-GLAZE 6.8K JA1/10W	1	R410	402 018 4603	MT-GLAZE 15K JA1/10W	1
R106	402 037 3205	MT-GLAZE 56 JA1/10W	1	R411	402 018 5204	MT-GLAZE 22K JA1/10W	1
R107	402 022 1209	MT-GLAZE 1.5M JA1/10W	1	R412	402 018 6102	MT-GLAZE 3.9K JA1/10W	1
R108	402 022 9007	MT-GLAZE 150 JA1/10W	1	R501	402 018 6201	MT-GLAZE 4.7K JA1/10W	1
R109	402 035 0602	MT-GLAZE 39K JA1/10W	1	R502	402 018 5105	MT-GLAZE 2.2K JA1/10W	1
R110	402 018 4207	MT-GLAZE 1M JA1/10W	1	R503	402 018 5501	MT-GLAZE 330 JA1/10W	1
R111	402 018 6706	MT-GLAZE 6.8K JA1/10W	1	R504	402 018 5204	MT-GLAZE 22K JA1/10W	1
R112	402 018 5105	MT-GLAZE 2.2K JA1/10W	1	R505	402 018 3903	MT-GLAZE 1K JA1/10W	1
R113	402 018 6201	MT-GLAZE 4.7K JA1/10W	1	R506	402 018 7109	MT-GLAZE 8.2K JA1/10W	1
R114	402 018 6706	MT-GLAZE 6.8K JA1/10W	1	R507	402 035 7007	MT-GLAZE 30K JA1/10W	1
R115	402 018 5204	MT-GLAZE 22K JA1/10W	1	R508	402 039 4101	MT-GLAZE 36K JA1/10W	1
R116	402 037 2505	MT-GLAZE 1.5 JA1/10W	1	R509	402 018 5204	MT-GLAZE 22K JA1/10W	1
R117	402 037 2505	MT-GLAZE 1.5 JA1/10W	1	R510	402 018 3705	MT-GLAZE 10 JA1/10W	1
R201	402 035 1203	MT-GLAZE 33 JA1/10W	1	R511	402 018 6201	MT-GLAZE 4.7K JA1/10W	1
R202	402 018 4504	MT-GLAZE 1.5K JA1/10W	1				
R203	402 018 5105	MT-GLAZE 2.2K JA1/10W	1				
R204	402 037 2703	MT-GLAZE 560K JA1/10W	1				
R205	402 028 6307	MT-GLAZE 68K JA1/10W	1				
R206	402 018 4009	MT-GLAZE 10K JA1/10W	1				
R301	402 018 6300	MT-GLAZE 47K JA1/10W	1				
R302	402 022 5603	MT-GLAZE 470K JA1/10W	1				

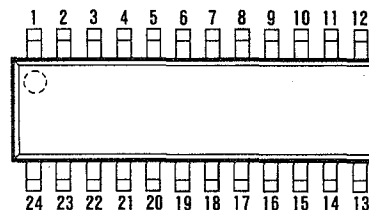
NOTES:

- Parts order must contain Model Number, Part Number and Description.
- Ordering quantity of screws and resistors must be multiple of 10 pcs.

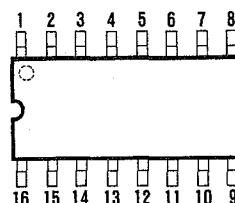
IC & TRANSISTOR LEAD IDENTIFICATION

TRANSISTOR	FRONT VIEW	BOTTOM VIEW
2SB815 2SC2812 2SD1048 DTC114YK DTC143TK		
FMG5		
IMX1 XN4608 IMD2		
TERMINAL NAME		
B → BASE C → COLLECTOR E → EMITTER		

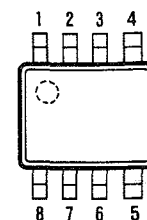
CXA1010M/LB1672M BOTTOM VIEW



TC9305F BOTTOM VIEW

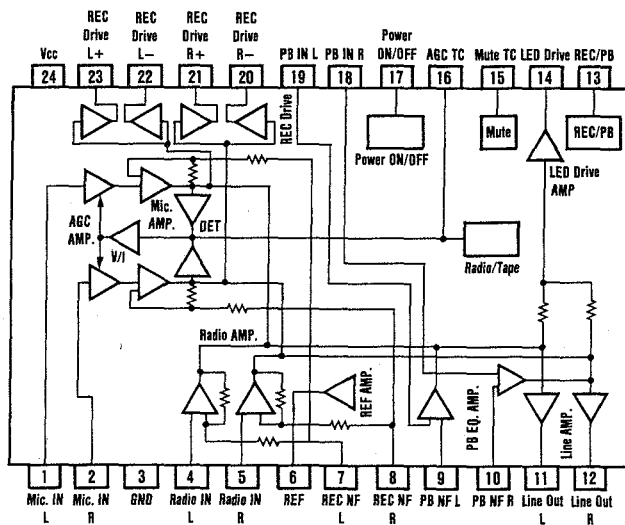


NJM2076 BOTTOM VIEW

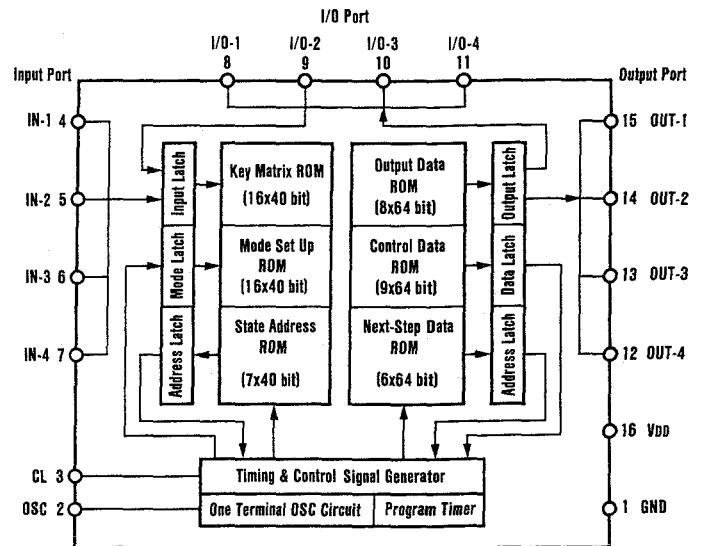


IC & TRANSISTOR LEAD IDENTIFICATION (Continued)

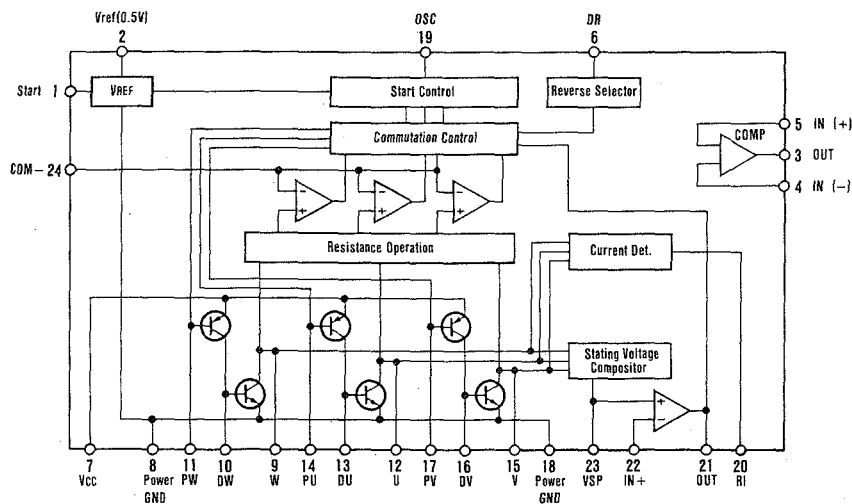
CXA1010M BLOCK DIAGRAM



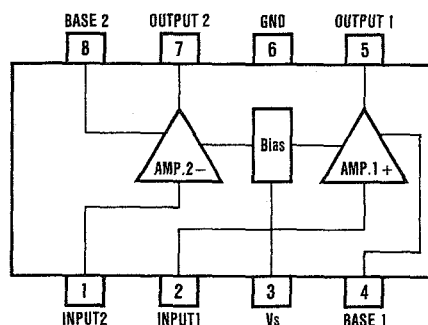
TC9305F BLOCK DIAGRAM



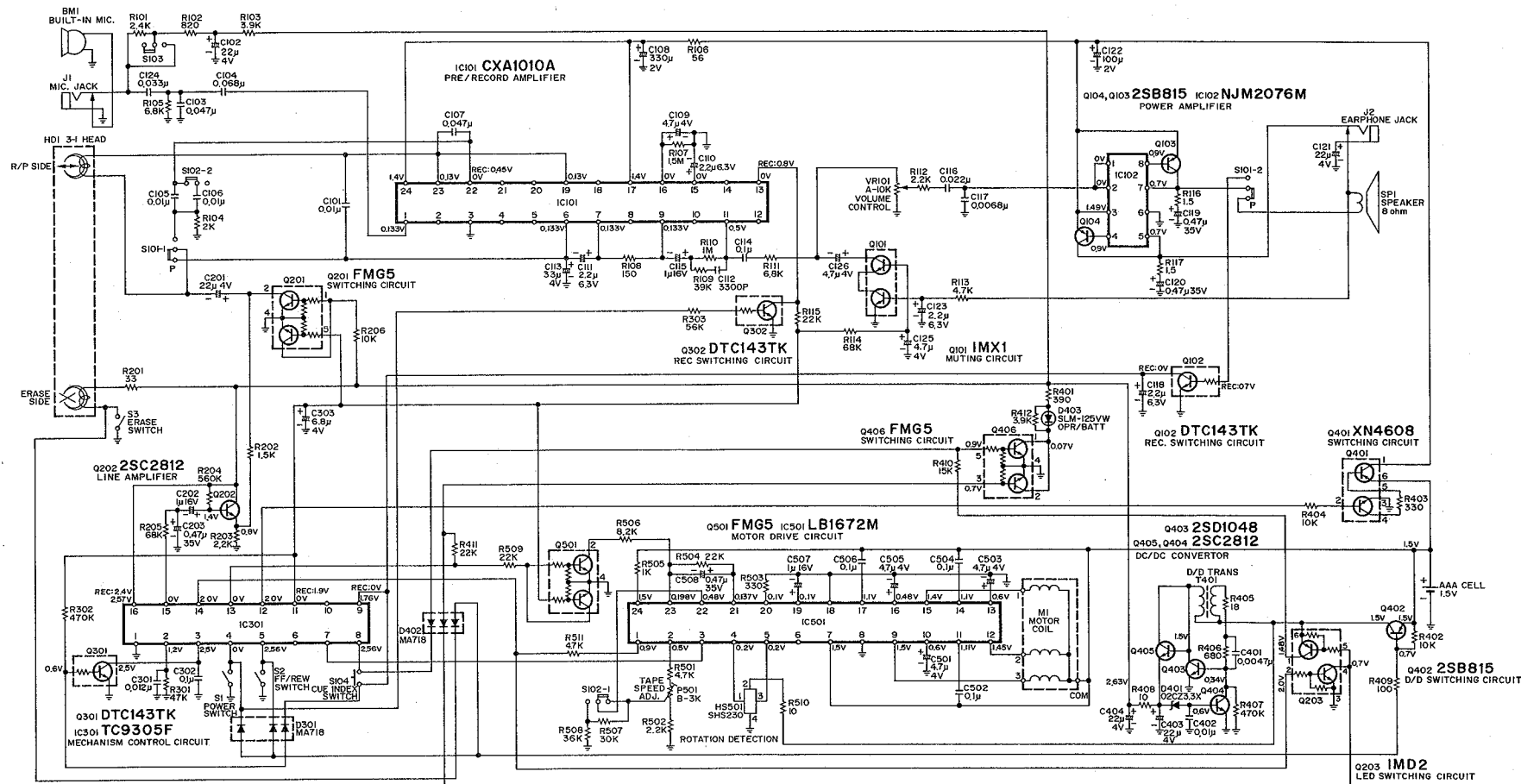
LB1672M BLOCK DIAGRAM



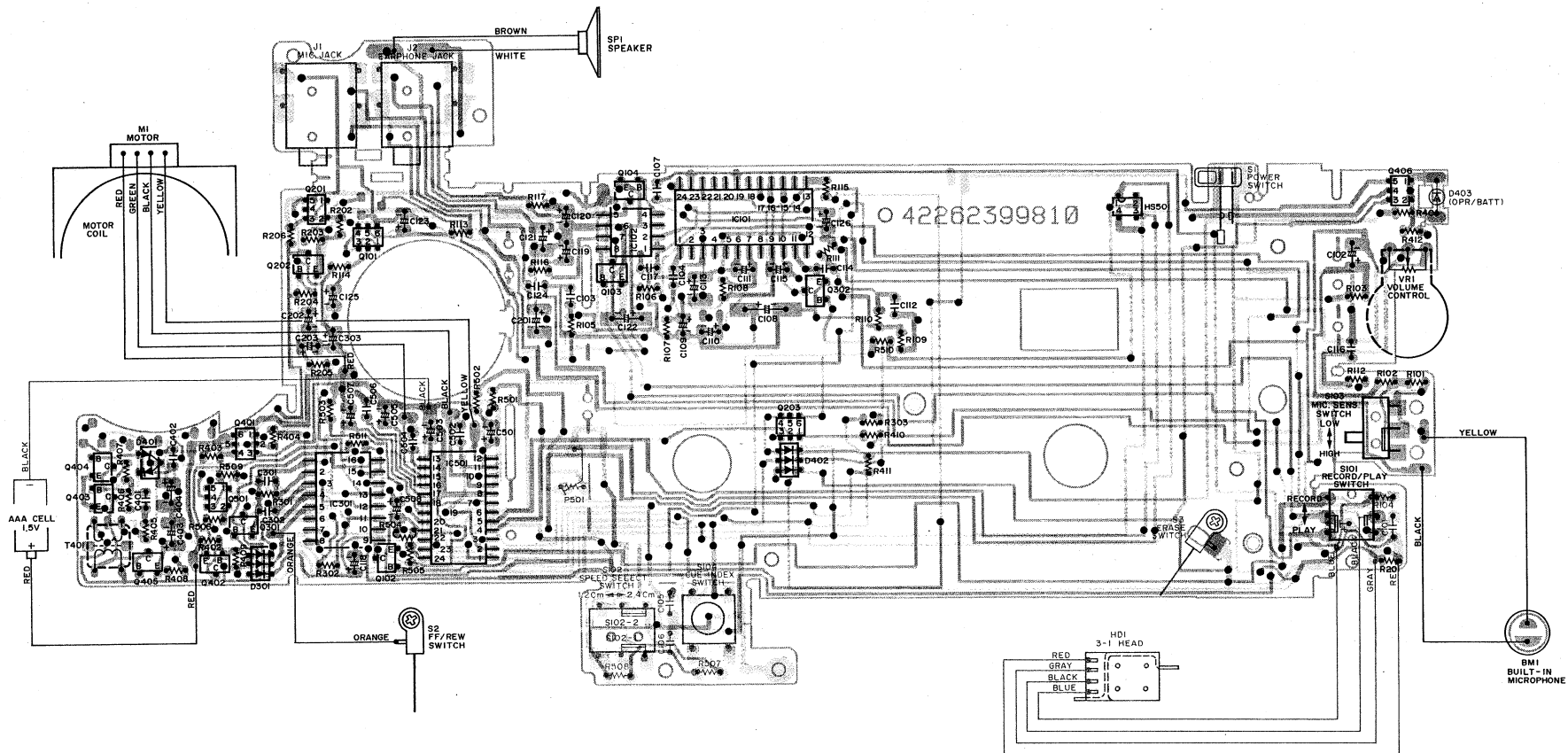
NJM2076 BLOCK DIAGRAM



SCHEMATIC DIAGRAM



P.C. BOARD & WIRING DIAGRAM



No.	Name	Position
S1	Power Switch	OFF
S2	F.FWD/Rewind Switch	OFF
S3	Erase Switch	OFF
S101	Record/Play Switch	PLAY
S102	Cue Index Switch	OFF
S103	Tape Speed Switch	2.4cm